

ABSTRACT

An elevator comprises a cage [(2)] suspended in an elevator shaft [(5)] and provided with cage-side sheaves [(2a, 2b)]; a counterweight [(3)] suspended in the elevator shaft [(5)] and provided with a counterweight-side sheave [(3a)]; a diverting sheave [(11)] disposed at a position above the counterweight [(3)] in an upper part of the elevator shaft [(5)]; first and second upper sheaves [(9, 12)] disposed in an upper part of the elevator shaft [(5)]; and a main rope [(4)] wound around the first and the second upper sheaves [(9, 12)], and having a first part wound around the cage-side sheaves [(2a, 2b)] and having a first end fastened to a fixed structure in an upper part of the elevator shaft [(5)], and a second part passed successively via the counterweight-side sheave [(3a)] of the counterweight [(3)] and the diverting sheave [(11)] and having a second end fastened to the counterweight [(3)].